

INFORMATION DISCLOSURE



JUN - 4 1998

PC-1449

 ATTY. DOCKET NO.
16904-726

 APPLICATION NO.
09/003,423

 TITLE
METHOD AND APPARATUS FOR CONTROLLED
CONTRACTION OF COLLAGEN TISSUE

 APPLICANT
Edward W. Knowlton

 FILING DATE
January 6, 1998

 GROUP
3736

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>dm</i>	RE 32,849	1/89	Wei, et al.	204	192.27	6/2/85
<i>dm</i>	3,831,604	8/74	Neefe	128	260	9/19/73
<i>dm</i>	4,074,718	2/1/78	Morrison	128	303.14	3/17/76
<i>dm</i>	4,140,130	2/79	Storm, III	128	404	5/31/77
<i>dm</i>	4,164,226	8/79	Tapper	128	419 R	6/13/77
<i>dm</i>	4,290,435	8/81	Waggott	128	800	9/7/79
<i>dm</i>	4,343,301	8/82	Indech	128	240N	10/4/79
<i>dm</i>	4,346,715	8/82	Gammell	128	422	5/13/80

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>dm</i>	96/34568	11/96	PCT				
<i>dm</i>	92/19414	11/92	PCT				
<i>dm</i>	0 519 415	12/92	Europe				
<i>dm</i>	31 21 683	12/82	Germany				X
<i>dm</i>	1 949 534	4/70	Germany				X
<i>dm</i>	2 609 245	7/88	France				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>dm</i>	Allain, et al. "Isometric Tensions Developed During the Hydrothermal Swelling of Rat Skin", Connective Tissue Research, vol 7, pp. 687-701, (1990).
<i>dm</i>	Danielson, C. "Age-Related thermal stability and susceptibility to proteolysis of rat bone collagen", ...chem, Great Britain, pp. 697-701, (1990).
<i>dm</i>	Danielson, C. "Thermal stability of reconstituted collagen fibrils, shrinkage characteristics upon in vitro maturation", Mechanisms of Ageing and Development, Vol 15, pp. 269-278, (1981).
<i>dm</i>	Kronick, et al. "The locations of collagens with different thermal stabilities in fibrils of bovine reticular dermis". Connective Tissue Research, Vol. 18, pp. 123-134, (1988).
<i>dm</i>	Mainster, M.A. "Ophthalmic applications of infrared lasers - thermal considerations", Visual Sci., pp. 414-420, April 1979.
<i>dm</i>	Pearce, et al. "Kinetic models of laser-tissue fusion processes", ISA, paper #93-044, pp. 355-360, (1993)..

EXAMINER

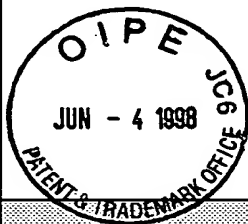
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<i>dm</i>	4,375,220	3/83	Matvias	128	804	5/9/80
<i>dm</i>	4,381,007	4/83	Doss	128	303.1	4/30/81
<i>dm</i>	4,441,486	4/84	Pounds	128	24	10/27/84
<i>dm</i>	4,545,368	10/85	Rand, et al.	128	1.3	4/13/83
<i>dm</i>	4,676,258	6/87	Inokuchi, et al.	128	804	6/5/86
<i>dm</i>	4,709,701	12/87	Weber	128	422	4/14/86
<i>dm</i>	4,881,543	11/89	Trembly, et al.	128	303.1	6/28/88
<i>dm</i>	4,887,614	12/89	Shirakami, et al.	128	798	4/18/89
<i>dm</i>	4,889,122	12/89	Watmough et al.	128	399	4/14/88
<i>dm</i>	4,944,302	7/90	Hernandez et al.	128	798	4/18/89

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>dm</i>	Adrian, R. M. "Treatment of Facial Telangiectasia Using the VersaPulse® Variable Pulse Width Frequency Doubled Neodymium:YAG Laser: A Case Report.
<i>dm</i>	Chess, C.; Chess, Q. "Cool Laser Optics Treatment of Large Telangiectasia of the Lower Extremities." <i>J. Dermatol Surg Oncol.</i> 1993; 19:74-80.
<i>dm</i>	Coulson, W. F. et al. "Nonablative Laser Treatment of Facial Rhytides: Animal Study." Abstract for BiOS '98 Symposium Conference: bo05 - Cutaneous Applications of Lasers, 24-30 January 1998, San Jose, CA.
<i>dm</i>	Kincade, K. "Demand for Laser Resurfacing Soars: Quicker Healing, Less Risk of Scarring" <i>Dermatology Times.</i> 1995. 16(10)
	Fitzpatrick, R. "Treatment of Wrinkles with the UltraPulse CO₂ Laser."
	Laser Aesthetics, Inc. "The Cool Touch Laser." Brochure.
	Laser Aesthetics, Inc. "Cool Touch Model 130 Technical Specifications." Brochure.
<i>dm</i>	National Health Communications, Inc. "New Laser Eliminates 'Lipstick Bleed'" Press Release July 1993.

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<i>dm</i>	4,957,480	9/90	Morenings	604	20	2/2/88
<i>dm</i>	4,962,761	10/90	Golden	128	400	5/4/89
<i>dm</i>	4,976,709	12/8/90	Sand	606	5	6/30/89
<i>dm</i>	5,003,991	4/91	Takayama, et al.	128	784	3/24/88
<i>dm</i>	5,133,351	7/92	Masaki	128	419 R	3/14/90
<i>dm</i>	5,143,063	9/92	Fellner	128	399	2/9/88
<i>dm</i>	5,186,181	2/93	Franconi, et al.	128	804	7/27/90
<i>dm</i>	5,190,517	3/93	Zieve, et al.	604	22	6/8/91
<i>dm</i>	5,230,334	7/93	Klopotek	128	399	1/22/92
<i>dm</i>	5,249,575	10/93	DiMino, et al.	607	150	10/21/91
<i>dm</i>	5,282,797	2/94	Chess	606	9	5/28/91
<i>dm</i>	5,304,169	4/94	Sand	606	5	8/17/92
<i>dm</i>	5,315,994	5/94	Guibert, et al.	607	101	3/5/93
<i>dm</i>	5,334,193	8/94	Nardella	606	41	11/13/92
<i>dm</i>	5,342,357	8/94	Nardella	606	40	11/13/92
<i>dm</i>	5,348,554	9/94	Imran, et al.	606	41	12/1/92
<i>dm</i>	5,370,642	12/94	Keller	606	9	8/2/93
<i>dm</i>	5,374,265	12/94	Sand	606	5	8/6/92

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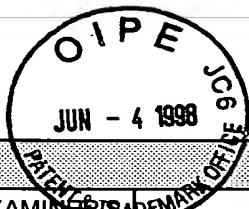
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<i>dm</i>	5,366,443	11/94	Eggers, et al.			
<i>dm</i>	5,697,909	12/97	Eggers, et. al.			
<i>dm</i>	5,697,882	12/97	Eggers, et al.			
<i>dm</i>	5,697,536	12/97	Eggers, et al.			
<i>dm</i>	5,697,281	10/97	Eggers, et al.			
<i>dm</i>	5,693,045	12/97	Eggers			
<i>dm</i>	5,692,058	11/97	Eggers, et al.			
<i>dm</i>	5,683,366	11/97	Eggers, et al.			
<i>dm</i>	5,681,282	10/97	Eggers, et al.			

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						Yes	No
<i>dm</i>	266678	12/97	New Zealand				
<i>dm</i>	98/03220	1/98	PCT				
<i>dm</i>	68/03117	1/98	PCT				
<i>dm</i>	97/18768	5/97	PCT				
<i>dm</i>	97/18765	5/97	PCT				
<i>dm</i>	96/39914	12/96	PCT				
<i>dm</i>	96/32051	10/96	PCT				
<i>dm</i>	96/27327	9/96	PCT				
<i>dm</i>	96/27240	9/96	PCT				
<i>dm</i>	94/26228	11/94	PCT				
<i>dm</i>	93/13816	7/93	PCT				

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EXAMINER	<i>David Shay</i>	DATE CONSIDERED	<i>December 3, 1998</i>
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